Philips
LCD widescreen monitor

22" wide
WSXGA+

220XW8FB

HDMI for High Definition Video

Experience high definition media fun! With a HDMI and SPDIF for your high quality digital audio and video enjoyment, this big widescreen 220XW8 delivers outstanding performance and great convenience features.

Leading interface for digital quality audio/video
- HDMI-ready for top quality, single cable video and audio
- Reliable audio via a SPDIF coaxial connector

Outstanding front of screen performance
- Big, wide screen: IM, write mail, watch videos on one screen
- SmartImage: Optimized user friendly display experience
- SmartContrast: For incredible rich black details
- Optimize response time for different viewing requirements
- ActiveBright for high brightness and razor sharp colors

Great convenience
- SmartAccessory to personalize and organize your workspace
- Hassle-free display performance tuning with SmartControl II
- USB port for convenient peripheral connections
- Enjoy multimedia experience with built-in speakers
- Play music from external audio devices even if the PC is off

design award china 2007

product design award 2008

PHILIPS
sense and simplicity

Highlights

HDMI ready

A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers.

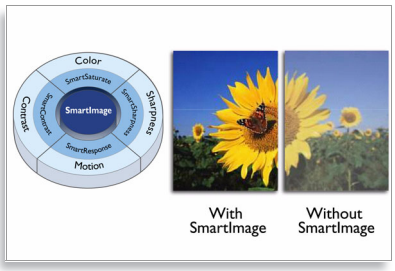
Coaxial Digital Audio SPDIF

An SPDIF coaxial cable is a highly reliable way of connecting digital audio.

Widescreen design

A wide screen has a wider aspect ratio for displaying more entertainment or information to have more fun and get more done.

SmartImage



SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartContrast

SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartResponse

SmartResponse is exclusive Philips technology that adjusts response time to application requirements, delivering faster response times for gaming and videos or better color saturation for viewing photos and static images.

ActiveBright

The ActiveBright delivers high-definition-TV-like quality by displaying brilliant, razor sharp colors and a wide viewing angle for the very best in multimedia entertainment.

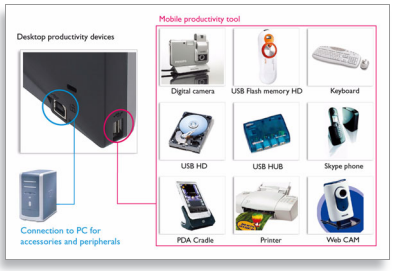
SmartAccessory

SmartAccessory is an innovative and friendly solution for easily and flexibly attaching peripherals like a webcam or stationery onto a monitor frame to keep your space tidy and organized. It is equipped with multifunction clips with a universal interface that attaches to the monitor frame and moves up and down or left and right to accommodate a variety of included or optional holders for stationery, small peripherals like webcams, conveniently locating work or personal items in your line of sight and at your fingertips.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

USB 2.0 port



USB port allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which has USB connection available. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass thru to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB port can provide

Built-in speakers

Audio speakers built into a display device.

Stand-alone audio function

Built-in advanced firmware that delivers audio output from external audio devices including a portable tape, CD or MP3 player even when there is no video input.

WideScreen HDMI SmartAccessory SmartImage™ SmartContrast Smart Response PerfecTune USBConnectivity

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22" wide WSXGA+

220XW8FB/05

Specifications

Picture/Display
- LCD panel type: RGB vertical stripe, 1680 x 1050 pixels
- Screen enhancement: Glare type screen, Hard Coated
- Panel Size: 22" / 55.9 cm
- Effective viewing area: 473.76 x 296.1 mm
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 3000:1
- Display colors: 16.7 M
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- SmartResponse: 2 ms (Gray to Gray)
- Maximum Resolution: 1680 x 1050 @ 60Hz (digital input)
- Optimum Resolution: 1680 x 1050 @ 60Hz (digital input)
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Picture enhancement: SmartImage
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, PC Audio in, HDMI
- USB: USB 2.0 x 1
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Other connections: S/PDIF out (coaxial), Headphone out

Convenience
- Built-in Audio: 1 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartControl II
- Monitor Controls: Menu (OK), Power On/Off, Brightness (Up), Auto (Back), SmartImage, Input (Down), Volume control
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Spanish, Simplified Chinese
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC-B, UL, CSA, EMC
- Tilt: -5° to 20°

Accessories
- Included Accessories: AC Power Cord, VGA cable, Audio Cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 565 x 472 x 161 mm
- Box dimensions in inch (W x H x D): 22.2 x 18.6 x 6.3 inch
- Set dimensions (W x H x D): 518 x 368 x 64 mm
- Set dimensions in inch (W x H x D): 20.4 x 14.5 x 2.5 inch
- Set dimensions with stand (W x H x D): 518 x 415 x 200 mm
- Set dimensions with stand in inch (W x H x D): 20.4 x 16.3 x 7.9 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 5.5 kg
- Product weight (+stand) (lb): 12.1 lb
- Weight incl. Packaging: 7.29 kg
- Weight incl. Packaging (lb): 16.1

Power
- Complies with: Energy Star
- Consumption (On mode): < 45 W (typical)
- Consumption (economy mode): 34 W
- Consumption (Off Mode): < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

Issue date 2009-04-22

Version: 4.0.4

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